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RAW SEQUENCE LISTING

DATE: 07/05/2001

PATENT APPLICATION: US/09/764,875

TIME: 09:45:18

Input Set : D:\PJZ02_seqList.txt

Output Set: N:\CRF3\07052001\I764875.raw

P.5

1 <110> APPLICANT: Rosen et al.
3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
5 <130> FILE REFERENCE: PJZ02
C--> 7 <140> CURRENT APPLICATION NUMBER: US/09/764,875
C--> 7 <141> CURRENT FILING DATE: 2001-01-17
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8 <151> PRIOR FILING DATE: 2000-01-31
10 <150> PRIOR APPLICATION NUMBER: 60/180,628
11 <151> PRIOR FILING DATE: 2000-02-04
13 <150> PRIOR APPLICATION NUMBER: 60/214,886
14 <151> PRIOR FILING DATE: 2000-06-28
16 <150> PRIOR APPLICATION NUMBER: 60/217,487
17 <151> PRIOR FILING DATE: 2000-07-11
19 <150> PRIOR APPLICATION NUMBER: 60/225,758
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22 <150> PRIOR APPLICATION NUMBER: 60/220,963
23 <151> PRIOR FILING DATE: 2000-07-26
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65 <151> PRIOR FILING DATE: 2000-08-30
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68 <151> PRIOR FILING DATE: 2000-08-14

ENTERED

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Input Set : D:\PJZ02_seqList.txt

Output Set: N:\CRF3\07052001\I764875.raw

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79 <150> PRIOR APPLICATION NUMBER: 60/241,809
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142 <150> PRIOR APPLICATION NUMBER: 60/236,802

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Input Set : D:\PJZ02_seqList.txt

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190 <150> PRIOR APPLICATION NUMBER: 60/235,836
191 <151> PRIOR FILING DATE: 2000-09-27
193 <150> PRIOR APPLICATION NUMBER: 60/230,438
194 <151> PRIOR FILING DATE: 2000-09-06
196 <150> PRIOR APPLICATION NUMBER: 60/215,135
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202 <150> PRIOR APPLICATION NUMBER: 60/249,218
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209 <151> PRIOR FILING DATE: 2000-11-17
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215 <151> PRIOR FILING DATE: 2000-11-17

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Input Set : D:\PJZ02_seqList.txt

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217 <150> PRIOR APPLICATION NUMBER: 60/249,245
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236 <151> PRIOR FILING DATE: 2000-11-17
238 <150> PRIOR APPLICATION NUMBER: 60/249,297
239 <151> PRIOR FILING DATE: 2000-11-17
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253 <150> PRIOR APPLICATION NUMBER: 60/231,414
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283 <150> PRIOR APPLICATION NUMBER: 60/241,221
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287 <151> PRIOR FILING DATE: 2000-11-08
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290 <151> PRIOR FILING DATE: 2000-09-08
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308 <151> PRIOR FILING DATE: 2000-11-08
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313 <150> PRIOR APPLICATION NUMBER: 60/246,526
314 <151> PRIOR FILING DATE: 2000-11-08
316 <150> PRIOR APPLICATION NUMBER: 60/249,209
317 <151> PRIOR FILING DATE: 2000-11-17
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320 <151> PRIOR FILING DATE: 2000-11-08
322 <150> PRIOR APPLICATION NUMBER: 60/246,523
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325 <150> PRIOR APPLICATION NUMBER: 60/246,524
326 <151> PRIOR FILING DATE: 2000-11-08
328 <150> PRIOR APPLICATION NUMBER: 60/246,478
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335 <151> PRIOR FILING DATE: 2000-11-08
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341 <151> PRIOR FILING DATE: 2000-11-17
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344 <151> PRIOR FILING DATE: 2000-11-08
346 <150> PRIOR APPLICATION NUMBER: 60/246,611
347 <151> PRIOR FILING DATE: 2000-11-08
349 <150> PRIOR APPLICATION NUMBER: 60/230,437
350 <151> PRIOR FILING DATE: 2000-09-06
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356 <151> PRIOR FILING DATE: 2000-12-05
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359 <151> PRIOR FILING DATE: 2000-12-05
361 <150> PRIOR APPLICATION NUMBER: 60/251,479
362 <151> PRIOR FILING DATE: 2000-12-06

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

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Input Set : D:\PJZ02_seqList.txt

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L:7 M:270 C: Current Application Number differs, Replaced Current Application No
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:367 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER
L:376 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER
L:414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:1009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:1033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:1996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:1997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64

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L:2438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:2798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:2878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78